**German Research Products - GRP GmbH** 

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de Phone: +49 (0)8167 6335

## **Product Datasheet**

## Mre11 antibody [12D7] GRP88

**Description** Mre11 is an 80 kDa protein that acts as a Mn+2 dependent

double stranded DNA 3' to 5' exonuclease and a single stranded DNA endonuclease. It is part of a larger complex with Rad50, p95 (Nibrin) and possibly other associated proteins involved in the nucleolytic end-processing of double strand breaks and telomere

maintenance.

Species/Host Mouse

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications ELISA, FA, ICC, IF, IHC-P, IP, WB

**Immunogen** Amino acids 182-582 of Mre11 expressed in E. coli.

Form/Appearance Liquid: PBS

Concentration 0.58 mg/ml

Storage Store as concentrated solution. Centrifuge briefly prior to opening

vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

**Note** For research use only.

Isotype IgG1

**Clonality** Monoclonal

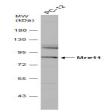
**Purity** Protein G purified

Clone ID 12D7

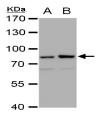
Uniprot ID P49959

Entrez 4361

**Dilution Range** WB: 1:500-1:3000,ICC: 1:100-1:1000



Whole cell extract (30 ?g)
was separated by 7.5%
SDS-PAGE, and the
membrane was
blotted with Mre11
antibody
[12D7] (GRP540) diluted at
1:500. The
HRP-conjugated
anti-mouse IgG antibody
was
used to detect the primary
antibody, and the signal
was



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Mre11 antibody [12D7] detects Mre11 protein by western

blot analysis.A. 30 ?g 293T whole cell extract B. 30 ?g whole cell extract of

human Mre11-transfected 293T cells7.5% SDS-PAGEMre11 antibody [12D7] (GRP540)

ntibody [12D7] (GRP54 dilution: 1:1000The HRP-conjugated ant